

20021110.qrp v02_n736.qrl.20021110

Date: Sun, 10 Nov 2002 19:03:13 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2736

QRP-L Digest 2736

Topics covered in this issue include:

- 1) [139740] Re: Limiting IF Amplifier's and CW
by David Hinerman <WD8CIV@worldnet.att.net>
- 2) [139741] FS: Yaesu FT-817
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 3) [139742] Another Nor'Easter Lives
by "Bill Jones" <kd7s@psnw.com>
- 4) [139743] Parts trade?
by Chris Cartwright <ccart@phideaux.com>
- 5) [139744] Re: Another Nor'Easter Lives
by W2BJ <w2bj@minsky.info>
- 6) [139745] Re: Parts trade?
by K5BDZ@aol.com
- 7) [139746] RE: Limiting IF Amplifier's and CW
by "Dave Fifield" <dave@redhotradio.com>
- 8) [139747] Re: Parts trade?
by "Brian" <brian@iquest.net>
- 9) [139748] Using 174/u coax
by KE4VM@cs.com
- 10) [139749] Can anyone identify this rcvr?
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 11) [139750] Fwd: WWV-Message
by Ed Tanton <n4xy@earthlink.net>
- 12) [139751] Re: Using 174/u coax
by Chuck Carpenter <w5usj@9plus.net>
- 13) [139752] Re: Parts trade?
by Chris Cartwright <ccart@phideaux.com>
- 14) [139753] Re: Parts trade?
by Chris Cartwright <ccart@phideaux.com>
- 15) [139754] Re: Using 174/u coax
by Al Scanandoah <k2zn@rochester.rr.com>
- 16) [139755] Re: Beacon Question
by wkhibbert@juno.com
- 17) [139756] Re: Another Nor'Easter Lives
by "Bill Jones" <kd7s@psnw.com>
- 18) [139757] "Prime Directive" Successfully Ignored!
by W2AGN <w2agn@w2agn.net>
- 19) [139758] Fox - Winter Fox Hunt Teams.

- by Bruce Rattray <rattray@gpfn.sk.ca>
- 20) [139759] Re: Limiting IF Amplifier and CW
by "Harold Smith" <harold.smith1@worldnet.att.net>
- 21) [139760] QRP+ Programmed Eproms...is everybody happy?
by ve3ab@mail.mondenet.com
- 22) [139761] FT-817 Bug
by "Karl F. Larsen" <k5di@zianet.com>
- 23) [139762] Re: Serious QRP-L List Problems
by "Karl F. Larsen" <k5di@zianet.com>
- 24) [139763] Another Darn Test
by "Karl F. Larsen" <k5di@zianet.com>
- 25) [139764] Re: Using 174/u coax
by "Karl F. Larsen" <k5di@zianet.com>
- 26) [139765] Sorry Problem is at home
by "Karl F. Larsen" <k5di@zianet.com>
- 27) [139766] Re: Yaesu FT-817
by "Karl F. Larsen" <k5di@zianet.com>
- 28) [139767] OT Linux Sendmail
by "Karl F. Larsen" <k5di@zianet.com>
- 29) [139768] Fox - Winter Fox Hunt Team Results.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 30) [139769] Re: OT Linux Sendmail
by W2AGN <w2agn@w2agn.net>
- 31) [139770] Re: OT Linux Sendmail
by W2AGN <w2agn@w2agn.net>
- 32) [139771] Re: OT Linux Sendmail
by "Lee Mairs" <lmairs@direcway.com>
- 33) [139772] Re: Limiting IF Amplifier and CW
by "Leon Heller" <leon_heller@hotmail.com>
- 34) [139773] Re: OT Linux Sendmail
by "John J. McDonough" <wb8rcr@arrl.net>
- 35) [139774] Ladder line question.
by "Kelly Ellison" <kelman@sofnet.com>
- 36) [139775] Re: OT Linux Sendmail
by John Harper AE5X <ae5x@qsl.net>
- 37) [139776] Re: Limiting IF Amplifier and CW
by "James R. Duffey" <jamesd1@flash.net>
- 38) [139777] Re: OT Linux Sendmail
by W2AGN <w2agn@w2agn.net>
- 39) [139778] SA/NE 604/614
by "John J. McDonough" <wb8rcr@arrl.net>
- 40) [139779] Re: Limiting IF Amplifier and CW
by "John J. McDonough" <wb8rcr@arrl.net>
- 41) [139780] Re: Ladder line question.
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 42) [139781] Re: Sorry Problem is at home
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 43) [139782] Re: OT Linux Sendmail

by Thom LaCosta <baltimoremd@baltimoremd.com>
44) [139783] Re: OT Linux Sendmail
by Thom LaCosta <baltimoremd@baltimoremd.com>
45) [139784] Re: Ladder line question.
by "Thomas Kuehl" <ac7a@earthlink.net>
46) [139785] Re: Argonaut V message from TenTec
by "James R. Duffey" <jamesd1@flash.net>
47) [139786] Re: FT-817 Bug
by Jerry Lofstead <w3cde@bellsouth.net>
48) [139787] Re: Argonaut V message from TenTec
by W2AGN <w2agn@w2agn.net>
49) [139788] Re: FT-817 Bug
by W2AGN <w2agn@w2agn.net>
50) [139789] Re: Argonaut V message from TenTec
by Bill ROWLETT <kc4atu@yahoo.com>
51) [139790] Re: Argonaut V message from TenTec
by Thom LaCosta <baltimoremd@baltimoremd.com>
52) [139791] Fox: N7CQR log 11/8/02 (UTC)
by Dan Presley <talljazz@teleport.com>
53) [139792] F.S. MFJ 6 meter SSB transceiver
by "Joe W2KJ" <w2kj@bellsouth.net>
54) [139793] Re: Argonaut V message from TenTec
by "George, W5YR" <w5yr@att.net>
55) [139794] Re: Limiting IF Amplifiers and CW
by "Harold Smith" <harold.smith1@worldnet.att.net>

Date: Sat, 09 Nov 2002 19:31:52 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [139740] Re: Limiting IF Amplifiers and CW
Message-ID: <5.1.1.6.1.20021109191223.00b17510@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:23 AM 11/9/2002 -0700, you wrote:

>Dave and Nick; I read with interest your experiments and comments on one
>chip receivers, particularly the comment on bypassing the limiting IF
>amplifiers used in FM receiver chips.

>

>It seems to me that a limiting amplifier would be OK for CW, as the
>information content of the CW signal is not in the amplitude of the signal,
>but rather in the time domain. It seems to me that the use of a limiting
>amplifier on CW would offer some immunity to noise.

James,

Noise immunity is the reason for using the limiting amplifiers to begin with. But a limiter is an overdriven amplifier, and overdriving the front end of a receiver seems to be a no-no. I'm not sure what effect it would have in the IF, after a lot of selectivity has been applied.

>I have some LM3089 chips that are an IF/audio chain for an FM receiver. The
>inputs to the quadrature detector can be separated so one can use it for a
>product detector. I was thinking of making a CW receiver from it by adding a
>mixer/oscillator and BFO . The data sheets indicate that limiting occurs for
>a input of 12 to 25 micro volts. I assume that CW signals below this would
>appear as in a normal, linear receiver, and that above this range they would
>be limited to constant amplitude with a SNR determined by the amplifier
>chain, not the SNR of the input CW signal. I will try to see how it goes.

If you want to make an AM receiver, you can use the limiter output and the quad detector as a synchronous detector. You'd still need the outboard linear amp chain, however.

>As I think of it, the main problem with single chip receivers is stability.
>A receiver typically has 80 dB to 100 dB gain. With the relatively large
>amplitude oscillators required for the mixer and product detector this is a
>recipe for problems.

I have a Traveler receiver, designed by Paul Daulton and kitted by Dan's, that uses an FM receiver chip. Its stability leaves a lot to be desired, but considering it uses a 10.7 MHz IF transformer and a couple of varactors for the VFO (using the on-chip first osc) that's to be expected. It also uses 3 crystals as the IF filter and a fourth crystal for the BFO. Selectivity is fairly wide and opposite sideband suppression isn't great. I don't know how much is blow-by and how much is just mismatched crystals.

Dave

"An optimist says the glass is half full. A pessimist says the glass is half empty. An engineer says you could have used a smaller glass."

Dave Hinerman
WD8CIV@att.net

Date: Sat, 9 Nov 2002 20:25:00 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>, <eax@w3eax.umd.edu>,
Laurel ARC <larc-l@webtrek.com>,
Subject: [139741] FS: Yaesu FT-817

Message-ID: <Pine.LNX.4.44.0211092015590.28213-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For sale: like-new, lightly used Yaesu FT-817 QRP rig.

HF/6/2/440, all-mode, 5 watts.

Comes with all standard accessories: carrying strap, 6/2/440 whip set, manual, up/down hand mic.

No mods.

Ended up with two of them, need to sell one (not that having a spare is bad or anything)...

\$630 new, asking \$530 plus ship (should run under \$10 to CONUS).

This is about what they end up selling for on Ebay (but I don't feel like having an auction).

E-mail or call if interested.

Thanks,

Scott N7JI

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Sat, 9 Nov 2002 18:11:15 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139742] Another Nor'Easter Lives
Message-ID: <002701c2885e\$762c18e0\$bc12bbd0@microsoft>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Friends

My wife had a seminar to attend at church today so I treated myself to a Saturday dedicated to breathing solder fumes. I started my Nor'Easter kit a week or so ago but never spent more than a half hour at a time positioning parts on the PC board. This afternoon I put the last component in place. I ran through the alignment procedure, pushed a piece of hookup wire into the antenna hole, plugged in a set of earbuds and was greeted by the sound of atmospheric noise. I quickly jumped up to the 31 meter band, tuned in 9745 kHz and spent fifteen minutes listening to HCJB. Then off to Radio Canada International, Deutsche Welle, Radio Beijing and a host of other stations. Man, that little Nor'Easter is a hot little receiver.

Next comes the hard part -- designing and building a suitable enclosure. The whole focus of the Nor'Easter to me is a backpacking radio. Therefore, it will eventually be packaged in an ABS cabinet with a hinged top lid to protect the controls. Opening the lid will automatically turn the receiver on while closing the lid will turn it off. My target is to have everything weigh in at under six ounces.

Many thanks to Steve Weber for the design and Doug Hendricks for the kit. I love it.

=====
Bill Jones - KD7S <><
Sanger, California
=====

Date: Sat, 9 Nov 2002 21:12:31 -0500 (EST)
From: Chris Cartwright <ccart@phideaux.com>
To: QRPL List <qrp-l@lehigh.edu>
Subject: [139743] Parts trade?
Message-ID: <Pine.LNX.4.33.0211092056120.11696-1000000@dns.phideaux.com.>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm fixing a rig for a friend and it needs a 10.7MHz IF can, a 42IF123 to be exact. I've got lots of other part to trade, just don't wanna make the minimum order to a parts house. Transistors, Caps, toroids, copper clad, connectors, FET's, NE602's, everything but this transformer. Heck, you could even talk me out of a 6:1 vernier. :) This is in the front end of a DSW40 in case someone knows of a substitute.

Thanks,

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Sat, 9 Nov 2002 21:26:07 -0500
From: W2BJ <w2bj@minsky.info>
To: kd7s@psnw.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139744] Re: Another Nor'Easter Lives
Message-ID: <C4E444F2-F453-11D6-96E8-00306563B3E0@minsky.info>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v543)
Content-Transfer-Encoding: 7bit

On Saturday, Nov 9, 2002, at 21:11 US/Eastern, Bill Jones wrote:

> Friends
>
> My wife had a seminar to attend at church today so I treated myself to
> a
> Saturday dedicated to breathing solder fumes. I started my Nor'Easter
> kit a
> week or so ago but never spent more than a half hour at a time
> positioning
> parts on the PC board.

I think I missed something. What is the Nor'Easter and how do I get one.
Barry, W2BJ

Date: Sat, 9 Nov 2002 21:58:30 EST
From: K5BDZ@aol.com
To: ccart@phideaux.com, qrp-l@lehigh.edu
Subject: [139745] Re: Parts trade?
Message-ID: <19a.b6671b0.2aff2556@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Chris

The 42IF123 Green Core IF can (10.7 MHz IF) is 4.7 microhenries, and the mfr capacitor across it is a 47pf to 50pf. I've got the cans but I far prefer winding a T37-2 or T37-6 toroid core to get the inductance... either spread the turns for variable fine tuning or add a trimmer cap.

Turns ratio is 7:1 - impedance ratio is turns ratio squared (natch)

Good Luck

Bill K5BDZ

Date: Sat, 9 Nov 2002 19:05:33 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: <n6wg@earthlink.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [139746] RE: Limiting IF Amplifiers and CW
Message-ID: <000001c28866\$091fdcc0\$0200a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

You are correct Bob. Using limiting amps for CW in the presence of other noise and signals is a losing game due to third order IMD products in-band. Also, are you going to be happy listening to super loud noise levels (which is what you're going to get!) in between each element of the CW? Count me out....

72, Dave, AD6A

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Bob Tellefsen
Sent: Saturday, November 09, 2002 12:41 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Limiting IF Amplifiers and CW

Jim

Unless you had some pretty serious filtering ahead of the limiting IF amplifier so only one signal was present in the pass band, I'd be concerned about intermod. A limiting amp is, after all, pretty nonlinear. Does this sound reasonable? 73, Bob N6WG

Date: Sat, 9 Nov 2002 23:17:43 -0500
From: "Brian" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [139747] Re: Parts trade?
Message-ID: <002401c28870\$1e7405b0\$99622bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>From Paul Harden's databook...

T37-6 with 40 turns of #28 will get you 4.8 uH

Pretty danged close...

----- Original Message -----

From: <K5BDZ@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, November 09, 2002 9:58 PM
Subject: Re: Parts trade?

> Chris
> The 42IF123 Green Core IF can (10.7 MHz IF) is 4.7 microhenries, and
the mfr
> capacitor across it is a 47pf to 50pf. I've got the cans but I far
prefer
> winding a T37-2 or T37-6 toroid core to get the inductance... either
spread
> the turns for variable fine tuning or add a trimmer cap.
>
> TURNS ratio is 7:1 - impedance ratio is turns ratio squared (natch)
>
> Good Luck
>
> Bill K5BDZ
>
>

Date: Sat, 9 Nov 2002 23:43:17 EST
From: KE4VM@cs.com
To: qrp-1@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [139748] Using 174/u coax
Message-ID: <172.11572da2.2aff3de5@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I found 50 ft. of military RG 174/u coax with bnc's at a hamfest today. Just wondering how lossie it is compared with RG-58. It sure doesn't take up much room and it's light. Has anybody tried it to feed a dipole?
Thanks,
Richard Prescott NM4Z

Date: Sun, 10 Nov 2002 23:46:24 -0600
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-1@lehigh.edu
Subject: [139749] Can anyone identify this rcvr?
Message-ID: <2Y61A5VQSMBABC2XPOGBPK61NK1V41YT.3dcf4430@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi all:

I picked up a neat rcvr at Dayton but can't come up with an identification or circuit. I searched around using the only markings on the pcb's, the main pcb has "RX SPC" and the otherboard has "SPC CONVERTER".

It bandswitches 80-40-30-20m. The main board runs on 30m straight-thru, and the converter board uses xtals = 16.0, 6.5, and 3.0 to mix the other bands. The SPC CONVERTER pcb has a 4-pos rotary switch mounted on it to select the band. 2-can front-end filters are used on all bands -- with the 10.1 filter on the main board, so on the other bands, there are two stages of filtering.

The osc. runs at 6.830 for 10.105 rx freq.
The I.F. is at 3.2768, and BFO at 3.2759. The IF filter uses 3 xtals. Main board line-up is NE602-MC1350P-NE602-LM386 plus a couple of trannies (NTE159 and MPF102. The design includes an S-meter and what appears to be an input for external AGC control voltage.

Main pcb = 2.5" x 3.75". No markings on the pcb's.

Does anyone know what this is?

Thanks for any help.

72, Ade W0RSP

Date: Sun, 10 Nov 2002 04:21:33 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [139750] Fwd: WWV-Message
Message-ID: <5.1.1.6.2.20021110042047.01e92e50@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Date: Sun, 10 Nov 2002 09:10:02 GMT
>From: Space Environment Center <sec@sec.noaa.gov>
>
>:Product: Geophysical Alert Message www.txt
>:Issued: 2002 Nov 10 0910 UTC
># Prepared by the US Dept. of Commerce, NOAA, Space Environment Center
>#
># Geophysical Alert Message
>#
>Solar-terrestrial indices for 09 November follow.
>Solar flux 191 and mid-latitude A-index 6.
>The mid-latitude K-index at 0900 UTC on 10 November was 5 (95 nT).
>
>Space weather for the past 24 hours has been minor.
>Geomagnetic storms reaching the G1 level occurred.
>Solar radiation storms reaching the S1 level occurred.
>Radio blackouts reaching the R1 level occurred.
>
>Space weather for the next 24 hours is expected to be minor.
>Geomagnetic storms reaching the G1 level are expected.
>Solar radiation storms reaching the S1 level are expected.
>Radio blackouts reaching the R1 level are expected.

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY

189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sun, 10 Nov 2002 05:18:11 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: KE4VM@cs.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [139751] Re: Using 174/u coax
Message-ID: <3.0.2.32.20021110051811.006c0b90@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Richard,

RG-174 is good for the low bands when used in short lengths. TLDetails shows the loss at 14 MHz is about 3 dB per hundred ft. The Handbook chart looks more like 4.5 dB per 100. TL shows that with 50 ft, 10 W in gets you 7.1 W out.

For RG-58 the loss is about 1.75 dB in the Handbook and TLDetails shows it to be 1.33 for RG-58 solid and 50 ft gets you 8.4 W out with 10 W in.

Several have used it for feeding antennas. I should work fine for 40 meters. Use of a tester like the MFJ-259 would give you a measure of its quality too.

>I found 50 ft. of military RG 174/u coax with bnc's at a hamfest today. Just
>wondering how lossie it is compared with RG-58. It sure doesn't take up much
>room and it's light. Has anybody tried it to feed a dipole?

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57

Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Sun, 10 Nov 2002 06:45:01 -0500 (EST)
From: Chris Cartwright <ccart@phideaux.com>
To: <K5BDZ@aol.com>
Cc: <qrp-1@lehigh.edu>
Subject: [139752] Re: Parts trade?
Message-ID: <Pine.LNX.4.33.0211100642310.11696-1000000@dns.phideaux.com.>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bill,

Thanks! I'm gonna give that a try. I have the core, wire and caps, so at least I have a shot at it. I do have can on the way, but in the mean time this will get it going and I might just learn something. I was headed in that direction, had the old QRPp's out, just couldn't quite get that turns ratio part. Thanks again es 72

On Sat, 9 Nov 2002 K5BDZ@aol.com wrote:

> Chris
> The 42IF123 Green Core IF can (10.7 MHz IF) is 4.7 microhenries, and the mfr
> capacitor across it is a 47pf to 50pf. I've got the cans but I far prefer
> winding a T37-2 or T37-6 toroid core to get the inductance... either spread
> the turns for variable fine tuning or add a trimmer cap.
>
> TURNS ratio is 7:1 - impedance ratio is turns ratio squared (natch)
>
> Good Luck
>
> Bill K5BDZ
>

--

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Sun, 10 Nov 2002 06:47:43 -0500 (EST)

From: Chris Cartwright <ccart@phideaux.com>
To: QRPL List <qrp-l@lehigh.edu>
Subject: [139753] Re: Parts trade?
Message-ID: <Pine.LNX.4.33.0211100645390.11696-100000@dns.phideaux.com.>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 9 Nov 2002, Chris Cartwright wrote:

> I'm fixing a rig for a friend and it needs a 10.7MHz IF can,

Wow! what a response, and due to overwhelming response I can no longer accept parts :) This list never ceases to amaze... 72 es tn timer to all.

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Sun, 10 Nov 2002 07:14:22 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: KE4VM@cs.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139754] Re: Using 174/u coax
Message-ID: <3DCE4D9E.5050604@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Richard

Here's nifty tool to help you out:
<http://www.timesmicrowave.com/cgi-bin/calculate?calc=aero>

72 - Al, K2ZN

KE4VM@cs.com wrote:

>I found 50 ft. of military RG 174/u coax with bnc's at a hamfest today. Just
>wondering how lossie it is compared with RG-58. It sure doesn't take up much
>room and it's light. Has anybody tried it to feed a dipole?
>Thanks,
>Richard Prescott NM4Z
>
>

>

Date: Sun, 10 Nov 2002 09:05:17 -0500
From: wkhibbert@juno.com
To: richard_johnson@credence.com, qrp-1@lehigh.edu
Subject: [139755] Re: Beacon Question
Message-ID: <20021110.090517.-262971.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Rich. Keith here in the Depths of the Great Bergen Swamp

I have been running a beacon since 1979, in the "attended" mode for the first year and under "automatic" control since 1980 when Part 97 was amended to allow unattended operation.

In the US, unless operating under an STA or in the attended mode, beacons are required to be in certain sub-bands from 10 Meters up. The ranges are as follows:

10 Meters - 28.200 - 28.300 MHz
6 Meters - 50.060 - 50.080 MHz
2 Meters - 144.275 - 144.300 MHz
1.3 Meters - 222.050 - 222.060 MHz
70 cm - 432.300 - 432.400 MHz

A beacon may be run in the automatic, unattended mode on any frequency above 902 MHz. Power is limited to 100 watts out and any mode allowed in the specific range is authorized.

Operation of a beacon is detailed in FCC Part 97.203

Now, as to why I run a beacon, or anyone else for that matter? The beacon provides a service, a known signal to check for band conditions, check out a receiver or compare it to another by using a consistent known signal, track long- and short-term propagation trends and ego. I have had my beacon on the air for most of 23 years now, not a record, but keeping a transmitter running 24/7/365 is not as easy as one would think.

I get most of my reception reports via Email now but used to get 5 - 10 cards a month from the DX QSL bureau, and a handful arrived direct. I have received reports from all continents and almost have a DXCC box of

reception reports. Not bad for 2 watts to a ground plane!

There will be beacons run for tests on various bands in the attended mode, usually on QRPp levels and an interesting challenge to copy. Watch the QRP-L for posts of future operations.

73, Wm. Keith Hibbert, WB2VU0, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Only \$9.95 per month!
Visit www.juno.com

Date: Sun, 10 Nov 2002 07:30:27 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: <w2bj@minsky.info>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139756] Re: Another Nor'Easter Lives
Message-ID: <000d01c288ce\$7aa88460\$334dbad0@microsoft>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Barry,

The Nor'Easter was a limited edition kit designed by Steve "melt solder" Weber and kited by Doug Hendricks of NorCal. It is a pocket sized short wave receiver. Unfortunately the original run of 200 kits sold out almost overnight so they are no longer available except if you should find someone who bought one and changed his or her mind about building it.

=====

Bill Jones - KD7S <><
Sanger, California

=====

----- Original Message -----

From: "W2BJ" <w2bj@minsky.info>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, November 09, 2002 18:26 PM
Subject: Re: Another Nor'Easter Lives

>

> I think I missed something. What is the Nor'Easter and how do I get
> one.
> Barry, W2BJ
>
>

Date: Sun, 10 Nov 2002 12:25:09 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139757] "Prime Directive" Successfully Ignored!
Message-ID: <3DCE5025.8404.93CBB5A@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Both my Rockmites, stock, work very well. The 40M RM puts out >650 mw and the 20M one put out around 350-400mw. So I wasn't going to mess with them. Then I found a 2N3053 just lying around. A quick check turned up a 4.9 ohm resistor for the emitter.

So, boldly violating the IIABDFI rule, I modified my 20M RM.

AND, it works!! I now have about 650 mw out on 20M with the RM, and the 2N3053 runs pretty cool.

Lots of activity around 14060 today, FISTS, County Hunters, etc.

Now if I could just get my CX7A fixed.....

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sun, 10 Nov 2002 12:02:50 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [139758] Fox - Winter Fox Hunt Teams.
Message-ID: <Pine.LNX.4.33.0211101159300.31633-100000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

...here are the Teams who are in this running of the Winter Fox Hunt and in competition for the Team Plaque and the Clean Sweep Plaque...there's still a few "holes" to fill.

Burbank Wrecking Crew -

Michael - K6MMC
Todd - AG0T
Don - KC2CK
Woody - WD9F
Trev - KG6CYN

Cheeseheads -

Jerry - N9AW
Jim - WA9TZE
Lon - W9XU
Rick - NK9G
Glenn - WE9K

NE-TX Tornados -

Chuck - W5USJ
Bill - K5JHP
Don - K5DW
Doc - W5TB
George - W5YR

p-Shooters -

Chuck - K7QO
Gary - NQ7T
Jim - KC1FB
Wayne - W5KDJ
Tony - KB9YIG

Raiders of the Lost RF -

Dan - VE6EZ
Earl - VA6RF
Fred - VE3FAL
Robert - VE6JAZ
Bruce - VE5RC

Swamp Rats -

Larry - N2WW
ET - N1FN
Paul - K4FB
Doc - K0EVZ
Tom - N1TP

K1 K9s -

Lloyd - K3ESE
John - K8HJ
Ralph - KD1R
Joe - W2RBA
Alan - N3BJ

Cajun Thunder -

Wayne - K5E0A
Jim - N5IB
Vern - AA50
Wayne - N5YFC
Tom - AC5JH

Great Lakers -

Mark - K2QO
Tom - KV2X
Al - K2ZN
Bill - K2TER

Underdogs -

Dan - N4ROA
Dave - W0CH
Ron - KI0II
Randy - K7TQ

Jeff - VA3JFF

Art - KB7WW

Aluminum Kings -

Dust Devils -

Bob - N4BP

George - KR5C

Jim - N0UR

Martin - N6LIF

Al - K0FRP

Eric - NM5M

?

Dale - K5SR

?

Lew - N5ZE

Steamers -

Frank - K2PQ

Jack - K5FSE

Jason - N8XE

Mike - VA6MJT

?

...please send any changes and/or corrections directly to me...thank
you...I'll begin the Team scores now...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 10 Nov 2002 13:33:57 -0500

From: "Harold Smith" <harold.smith1@worldnet.att.net>

To: <jamesd1@flash.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [139759] Re: Limiting IF Amplifiers and CW

Message-ID: <007101c288e7\$bc0d3400\$3a09550c@tinker>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Gentlemen,

It's interesting that this topic should come up at this time. I just last

week sent an article to QRP Homebrewer on using FM chips in CW receivers. Apparently, it'll be old hat by the time it gets printed.

I've had good luck using some FM chips. You definitely need selectivity ahead of the limiting amp, preferably a good crystal filter. It also doesn't hurt to put audio filtering after the detector.

But the extra gain can make for a very sensitive receiver. My own opinion is that the large, fixed gain of the limiter is the primary contributor to noise. But if you pick the right chip, and use the right amount of its gain, you'll hear a definite increase in noise when you put an antenna on, so the noise isn't generated in the chip.

In that respect, some of the older chips are better than some of the newer ones, since the older ones tend to have less limiter gain. The CA3089, with its 12 to 25 uV limiting sensitivity should be useable, especially with no gain ahead of it except an SA612, and with a good crystal filter between the mixer and the IF.

I spent several paragraphs in the article discussing in detail the MC1357 (Also called ULN2111 and CA2111) IC. This part has been obsoleted, I think, by all its manufacturers, but it is still widely available surplus, and is excellent for this kind of service.

Interesting thread.

de KE6TI,
Harold

----- Original Message -----

From: "James R. Duffey" <jamesd1@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, November 09, 2002 12:23 PM
Subject: Limiting IF Amplifiers and CW

> Dave and Nick; I read with interest your experiments and comments on one
> chip receivers, particularly the comment on bypassing the limiting IF
> amplifiers used in FM receiver chips.

>

> It seems to me that a limiting amplifier would be OK for CW, as the
> information content of the CW signal is not in the amplitude of the
signal,

> but rather in the time domain. It seems to me that the use of a limiting
> amplifier on CW would offer some immunity to noise. Does anybody have
> experience with using limiting amplifiers on CW? I seem to recall some
use

> of them in CW regeneration schemes, but I can't recall where.

>
> I have some LM3089 chips that are an IF/audio chain for an FM receiver.
The
> inputs to the quadrature detector can be separated so one can use it for a
> product detector. I was thinking of making a CW receiver from it by adding
a
> mixer/oscillator and BFO . The data sheets indicate that limiting occurs
for
> a input of 12 to 25 micro volts. I assume that CW signals below this would
> appear as in a normal, linear receiver, and that above this range they
would
> be limited to constant amplitude with a SNR determined by the amplifier
> chain, not the SNR of the input CW signal. I will try to see how it goes.
>
> As I think of it, the main problem with single chip receivers is
stability.
> A receiver typically has 80 dB to 100 dB gain. With the relatively large
> amplitude oscillators required for the mixer and product detector this is
a
> recipe for problems.
>
> This is an interesting thread. - Dr. Megacycle KK6MC/5
> --
> James R. Duffey KK6MC/5
> Cedar Crest, NM DM65
>
>

Date: Sun, 10 Nov 2002 13:31:36 +0000
From: ve3ab@mail.mondenet.com
To: qrp-l@lehigh.edu
Subject: [139760] QRP+ Programmed Eproms..is everybody happy?
Message-ID: <200211101836.gAAIaGq28059@barclay.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I just thought id ask..if everyone is satisfied with what they have
received. Here..the orders have stopped. I filled about 17 requests
for these programmed Eproms for both the QRP+ and QRP++.
So far..Ive had only a few report back to me. These users were able
to use the chips I provided in order to open up the transmit either
for new frequency allocations..ie the proposed 60 meter band..or one
fellow wanted to use the modificatation to drive a transverter.
Myself..Ive already used my modified rig..as a signal generator on

harmonics. I used 18 mhz transmit to provide a 144 mhz signal when testing a preamp for my old TS700 multimode 2 mtr rig. The harmonic signal was not a clean signal but it was good enough for test purposes.

ANYWAYS..did everyone who sent me money or cheque or M.O. receive their parts. They should have done so by now..except for 1 chap in Spain and one chap name Huston..these were just sent out lately.

73 Earl VE3AB

Date: Sun, 10 Nov 2002 09:25:40 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [139761] FT-817 Bug
Message-ID: <Pine.LNX.4.44.0211100910130.1654-100000@Bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As all of those who own this radio know, There is a button called "lock". On HF this means turning the big frequency knob doesn't change the frequency. But ALAS, the "Selector" knob which is smaller still works and it changes the frequency in big jumps even with "lock" turned on.

Yesterday I was working the Baylor Pass Run. It's 10 Km over the Organ Mountains and 180 people tried to run the whole way on a dirt path and many did so. It was very up and down running. I walked with my dog Bucket and in my Daypack I had a Radio Shack 4.5 Amphour battery and my 817 tuned to 146.550 MHz. Everyone heard me fine until late while we were hiking back to the car. Net control said I was off frequency. When I got down I noticed the 817 was on 146.540 MHz and something must have hit the "Selector" knob and knocked me off frequency.

So Yaseu has some things to fix when they put out the FT-818 radio. By the way, the Yaseu Ft-817 that runs 100 watts is TWICE as big as my Kenwood TS-50!

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 9 Nov 2002 17:11:36 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>
To: Brad Mitchell <brad_n8yg@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139762] Re: Serious QRP-L List Problems
Message-ID: <Pine.LNX.4.44.0211091710540.1343-100000@Bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Nope a problem in my local Internet provider.

On Sat, 9 Nov 2002, Brad Mitchell wrote:

>
> Maybe it's a new feature to tone down the list so heated debates about
> unrealted topics cannot occur?
> 73
> Brad N8YG
>
> "Karl F. Larsen" <k5di@zianet.com> wrote:
> I'm now sure students at Lehigh University are working on their
> list system and trying to get it fixed. I'm seeing my messages coming to
> the list about 3 hours later than I sent them. This means a human is
> trying to sort out what is going on. It should be relayed in about 2
> minutes.
>
> For about 40 days for every message I sent to the list resulted
> in a e-mail failure notice from an unknown AOL address to me saying the
> address does not exist. I could tell it was a message to this list
> because the message was one I wrote to go to QRP-L. I have simplified
> the address I use to bare bones. It seems not to help a bit.
>
> I'm sure others are having the same problem and your not at
> fault either. It's at the list in Lehigh University somewhere.
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 6 Nov 2002 09:37:21 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [139763] Another Darn Test
Message-ID: <Pine.LNX.4.44.0211060935200.2032-100000@Bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For some reason unkown it appears that ONLY messages sent with
@Lehigh.EDU

are being sent to the list. Let's see if this one works....

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 10 Nov 2002 05:30:34 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: KE4VM@cs.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139764] Re: Using 174/u coax
Message-ID: <Pine.LNX.4.44.0211100524050.1198-100000@Bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Richard, The loss of that coax is higher than RG-58 but is not much of an issue if your using it on a portable antenna. I'm using it on a wire dipole for 40 thru 10 meters that has 30 feet of RG174 feedline and the entire antenna is in a plastic baggy for storage. I also use it for short jumpers in my home made radios.

The connectors for 179 are a bit expensive. And tricky to install as I discovered.

On Sat, 9 Nov 2002 KE4VM@cs.com wrote:

> I found 50 ft. of military RG 174/u coax with bnc's at a hamfest today. Just
> wondering how lossie it is compared with RG-58. It sure doesn't take up much
> room and it's light. Has anybody tried it to feed a dipole?
> Thanks,
> Richard Prescott NM4Z
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 8 Nov 2002 19:48:20 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [139765] Sorry Problem is at home
Message-ID: <Pine.LNX.4.44.0211081945330.11121-100000@Bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was seeing what looked like a QRP-L problem and THEN noticed 2
messages to another list didn't make it! Called my Internet provider and
She said yes we are having a big problem! If they don't show up by 5AM
tomorrow call back...:-(

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 9 Nov 2002 05:44:36 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: w3cde@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139766] Re: Yaesu FT-817
Message-ID: <Pine.LNX.4.44.0211090541500.1184-100000@Bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jerry, I did follow instructions EXplicitly and I'm convinced your full
of beans. Let's drop this darn thing because on MY FT-817 there is no
such battery discharge problem.

See below....

On Fri, 8 Nov 2002, Jerry Lofstead wrote:

>
> Karl,

>
> First 1): FOLLOW the previous instructions EXPLICITLY!
>
> Second 2): Contact YAESU support for further information.
>
> Jerry
>
> "Karl F. Larsen" wrote:
> >
> > Jerry, With the Radio Turned Off and fully charged battery in the 817 I
> > measured the voltage at the power input jack and it was 0.15 Volts. I
> > then shorted out the power input jack with the same meter but in a 100
> > milliamp range and the needle just moved off of zero a hairs width.

Date: Sun, 10 Nov 2002 12:45:29 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [139767] OT Linux Sendmail
Message-ID: <Pine.LNX.4.44.0211101238440.1421-100000@Bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I use linux and have been for years letting the linux/unix e-mail program "sendmail" take care of all mail on my computer. But just of late I've thought e-mail were not getting to the desired place like I wanted.

Today I read man sendmail and found if as root I typed the letters sendmail -q it would list all the messages it has not delivered. I did this and there were 54 messages that were stuck in sendmail.

So I then used sendmail -bp to send all the qued mail, and it did! Now sendmail is working again. The message is: nothing is perfect.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 10 Nov 2002 13:55:33 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,

Low Power Group <qrp-1@lehigh.edu>
Subject: [139768] Fox - Winter Fox Hunt Team Results.
Message-ID: <Pine.LNX.4.33.0211101344170.6419-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt #1 - N3BJ -

Burbank Wrecking Crew - 3

Michael - K6MMC
Todd - AG0T *
Don - KC2CK
Woody - WD9F *
Trev - KG6CYN

Cheeseheads - 5

Jerry - N9AW *
Jim - WA9TZE * Clean
Lon - W9XU * Sweep
Rick - NK9G *
Glenn - WE9K *

NE-TX Tornados - 5

Chuck - W5USJ *
Bill - K5JHP * Clean
Don - K5DW * Sweep
Doc - W5TB *
George - W5YR *

p-Shooters - 2

Chuck - K7Q0
Gary - NQ7T
Jim - KC1FB *
Wayne - W5KDJ
Tony - KB9YIG *

Raiders of the Lost RF - 5

Dan - VE6EX *
Earl - VA6RF * Clean
Fred - VE3FAL * Sweep
Robert - VE6JAZ *
Bruce - VE5RC *

Swamp Rats - 4

Larry - N2WW *
ET - N1FN *
Paul - K4FB *
Doc - K0EVZ
Tom - N1TP *

K1 K9s - 4

Lloyd - K3ESE *
John - K8HJ *
Ralph - KD1R
Joe - W2RBA *
Alan - N3BJ *

Cajun Thunder - 3

Wayne - K5E0A
Jim - N5IB *
Vern - AA50 *
Wayne - N5YFC *
Tom - AC5JH

Great Lakers - 3

Mark - K2Q0
Tom - KV2X *

Underdogs - 5

Dan - N4ROA *
Dave - W0CH * Clean

Al - K2ZN
Bill - K2TER *
Jeff - VA3JFF *
Ron - KI0II * Sweep
Randy - K7TQ *
Art - KB7WW *

Aluminum Kings - 3
Dust Devils - 4

Bob - N4BP *
Jim - N0UR *
Al - K0FRP *
?
?
George - KR5C
Martin - N6LIF *
Eric - NM5M *
Dale - K5SR *
Lew - N5ZE *

Steamers - 3

Frank - K2PQ *
Jack - K5FSE *
Jason - N8XE *
Mike - VA6MJT
?

...any corrections, please e-mail me direct...thank you...72 _ Bruce
(VE5RC+VE5QRP)

Date: Sun, 10 Nov 2002 15:08:24 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [139769] Re: OT Linux Sendmail
Message-ID: <3DCE7668.2845.9D23884@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 10 Nov 2002 at 12:45, Karl F. Larsen wrote:

>
> I use linux and have been for years letting the linux/unix
> e-mail program "sendmail" take care of all mail on my computer. But
just
> of late I've thought e-mail were not getting to the desired place like
I
> wanted.
>

> Today I read man sendmail and found if as root I typed the
> letters sendmail -q it would list all the messages it has not
delivered.
> I did this and there were 54 messages that were stuck in sendmail.
>
> So I then used sendmail -bp to send all the qued mail, and it
> did! Now sendmail is working again. The message is: nothing is perfect.

Juist yesterday you were blaming the "students at Lehigh University." As
all suspected, it was because you screwed up..again.

I think you owe the folks at Lehigh an apology.

The message is: READ THE MANUAL, INSTRUCTIONS, and READMEs before you go
blaming someone else for your own screwups.

--
+---+---+---+---+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sun, 10 Nov 2002 15:12:26 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139770] Re: OT Linux Sendmail
Message-ID: <3DCE775A.29430.9D5E974@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 10 Nov 2002 at 12:45, Karl F. Larsen wrote:

>>
> So I then used sendmail -bp to send all the qued mail, and it
> did! Now sendmail is working again. The message is: nothing is perfect.

>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

As I am sure this idiot has me on "filter," someone please tell him to
set his mailer (I think he uses PINE) to send with "SMTP" rather than
"sendmail." It would cure his problem, and one less bunch of stupid

messages from him.

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sun, 10 Nov 2002 15:23:46 -0500
From: "Lee Mairs" <lmairs@direcway.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139771] Re: OT Linux Sendmail
Message-ID: <00d101c288f7\$12bdbf40\$2202a8c0@J4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl -

Why do you think we care about your difficulties using some archaic software? Clearly OT, don't you think?

73 de Lee

KM4YY

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, November 10, 2002 2:45 PM
Subject: OT Linux Sendmail

>
> I use linux and have been for years letting the linux/unix
> e-mail program "sendmail" take care of all mail on my computer. But just
> of late I've thought e-mail were not getting to the desired place like I
> wanted.

>
> Today I read man sendmail and found if as root I typed the
> letters sendmail -q it would list all the messages it has not delivered.
> I did this and there were 54 messages that were stuck in sendmail.

>
> So I then used sendmail -bp to send all the qued mail, and it
> did! Now sendmail is working again. The message is: nothing is perfect.

>
> --

>
> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -
>
>

Date: Sun, 10 Nov 2002 20:23:36 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: harold.smith1@worldnet.att.net, qrp-1@lehigh.edu
Subject: [139772] Re: Limiting IF Amplifiers and CW
Message-ID: <F173aLhHVatURoqEL2B00004d92@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Harold Smith" <harold.smith1@worldnet.att.net>
>Reply-To: harold.smith1@worldnet.att.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Limiting IF Amplifiers and CW
>Date: Sun, 10 Nov 2002 13:33:57 -0500

>
>Gentlemen,
>
>It's interesting that this topic should come up at this time. I just last
>week sent an article to QRP Homebrewer on using FM chips in CW receivers.
>Apparently, it'll be old hat by the time it gets printed.
>
>I've had good luck using some FM chips.

Over 30 years ago, when RCA brought out their early chips like the CA3028 and various limiting amplifiers like the CA3011, several people tried the latter in SSB IF amplifiers, and I remember one or two magazine articles about this. I vaguely remember trying them. They worked quite well, and gave plenty of gain, but it was difficult to keep them stable, IIRC.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790
Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller

Tired of spam? Get advanced junk mail protection with MSN 8.

<http://join.msn.com/?page=features/junkmail>

Date: Sun, 10 Nov 2002 15:46:22 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <lmairs@direcway.com>
Subject: [139773] Re: OT Linux Sendmail
Message-ID: <010101c288fa\$3c68d520\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lee

I think it's pretty topical. A lot of folks on this list are playing with Linux or thinking of playing with Linux. I think this helps folks understand that Linux isn't an operating system for sissies. You really better know what you are doing. With Windoze, any idiot can sort of muddle through, or find someone who can help. It ain't that way with Linux.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Lee Mairs" <lmairs@direcway.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, November 10, 2002 3:23 PM
Subject: Re: OT Linux Sendmail

> Karl -
> Why do you think we care about your difficulties using some archaic
> software? Clearly OT, don't you think?
> 73 de Lee
> KM4YY

Date: Sun, 10 Nov 2002 15:06:24 -0600
From: "Kelly Ellison" <kelman@sofnet.com>
To: <qrp-l@lehigh.edu>
Subject: [139774] Ladder line question.
Message-ID: <000901c288fd\$07d99a80\$9b32c840@pavilion>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just built a Bi-square antenna for 20 meters and feeding it with ladder line.

Anyone think it will degrade the performance of the antenna if the ladder line is lying on the roof of the house?

This is a regular shingled type roof, and allowing the ladder line to lay on the roof would be easier and not such an eye sore. The ladder line is the 450 windowed variety. I will run qrp and QRO levels.

Thank you,

Kelly Ellison - WB0WQS - QRP-L #702

Date: Sun, 10 Nov 2002 16:26:07 -0500
From: John Harper AE5X <ae5x@qs1.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [139775] Re: OT Linux Sendmail
Message-ID: <000301c288ff\$c8120f60\$6501a8c0@Home>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

John J. McDonough (wb8rcr@arrl.net) said:

>I think it's pretty topical. A lot of folks on this list are playing with Linux or thinking of playing with Linux.

I think that's pretty sorry criteria for determining what's on-topic.

John Harper AE5X
Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Sun, 10 Nov 2002 14:31:34 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: Harold Smith <harold.smith1@worldnet.att.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139776] Re: Limiting IF Amplifier and CW
Message-ID: <B9F41E45.20159%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Harold - I didn't mean to steal your thunder :^). That should be an interesting article. I am looking forward to reading the results of your experiments with limiting amplifiers on CW.

Filtering doesn't hurt anywhere in a receiver. There is an old saw about receivers - Gain at one frequency must be accompanied by an equivalent amount of selectivity at another frequency. I don't see anywhere in the 3089 to add selectivity after the IF amp but before the product (quadrature) detector. That would be the ideal way to solve the increased noise issue.

Of course all of this can be solved if one uses individual components for different stages so that the required filtering can be used between stages. So that is where the compromise is with single chip receivers. :^)

Did you look into the NE604 IF amplifier chip introduced to accompany the NE602? The 602 caught on like wildfire in the ham community, but the IF amp did not. Go figure. I think that there is a chip which combines the 602 and 604, the 605?, but I have never seen any homebrew receivers based on it.

Can the noise you observe be easily removed with conventional audio filtering or with some of the DSP noise reduction algorithms?

Thanks for the well thought out technical post. - Dr. Megacycle KK6MC/5

--
James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 10 Nov 2002 16:40:59 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [139777] Re: OT Linux Sendmail
Message-ID: <3DCE8C1B.21790.A270061@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 10 Nov 2002 at 16:26, John Harper AE5X wrote:

> John J. McDonough (wb8rcr@arrl.net) said:
>
> >I think it's pretty topical. A lot of folks on this list are playing
with
> Linux or thinking of playing with Linux.
>
>
> I think that's pretty sorry criteria for determining what's on-topic.
>
> John Harper AE5X
> Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Even if LINUX were on topic, one individual idiot's failure to configure
it properly is not.

+-----+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sun, 10 Nov 2002 16:49:06 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139778] SA/NE 604/614
Message-ID: <012b01c28902\$ff6f0140\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Since we've been discussing limiting amps....

I've been working on a VF0, and after I got it to 0, I realized that I
wanted the output to go to a counter and a mixer. I have some evidence that
my counter circuit can upset an oscillator, so I figured separate buffer
amps for each.

An NE604 has 2 amps, they are limiting, but I figured flat topping isn't going to hurt for the counter OR the mixer, so what the heck, this would be a quick way to get 2 buffers. I built a little transformer with 2 secondaries to split the VFO output for the 2 amps and to whack down the level a bit.

Now, the output of the VFO is a pretty decent sine wave, and (surprise, surprise) it looks pretty much the same coming out of the transformer. But coming out of the 604 I get a sawtooth, exactly the opposite of the somewhat squared up sine wave I expected. The output is also pretty much the same level as the input. I more or less expected that with the obscene gain of these amps I'd be smacking up against the supply voltage. I fiddled quite a bit with this circuit, never having used this particular part before, but the result was always the same.

Can anyone hazard a guess as to what is going on here? I'm probably going to switch to a couple of trusty 2N2222's, but I'm really puzzled by this.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 10 Nov 2002 16:51:22 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <jamesd1@flash.net>
Subject: [139779] Re: Limiting IF Amplifier's and CW
Message-ID: <013901c28903\$504372e0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "James R. Duffey" <jamesd1@flash.net>
Subject: Re: Limiting IF Amplifier's and CW

> I think that there is a chip which combines the 602 and
> 604, the 605?

Yes, the 605/615 trades the 604/614's signal strength indicator for a 602/612

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 10 Nov 2002 14:03:21 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Subject: [139780] Re: Ladder line question.
Message-ID: <009d01c28904\$fe712e60\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kelly, I would not do that, let the ladder line lie on the roof. Why?
Because I know the area where you live and you get lots of precipitation,
snow, ice, & rain. Any type of moisture on ladder line will cause problems
with loading. You want to keep it in the clear, so that it can dry out as
fast as possible. If you have it on your roof, I think that it will take
longer for the water to go away.

Anyway, just my opinion. How about using some of those 300 ohm TV twin lead
stand offs?? I think you can get them from Radio Shack. 72, Doug

Date: Sun, 10 Nov 2002 17:08:01 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139781] Re: Sorry Problem is at home
Message-ID: <20021110170604.I31437-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Nov 2002, Karl F. Larsen wrote:

>
> I was seeing what looked like a QRP-L problem and THEN noticed 2

But why do the rest of us have to hear about it?

One would think that if one didn't see one's messages come back via the
list, and yet other messages from others make it through, one's own
messages were not getting out.

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>
<http://www.tlchost.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring and DrakeList
Web Hosting as low as \$3.49/month

Date: Sun, 10 Nov 2002 17:12:09 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: "John J. McDonough" <wb8rcr@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [139782] Re: OT Linux Sendmail
Message-ID: <20021110171025.P31437-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 10 Nov 2002, John J. McDonough wrote:

> Lee
>
> I think it's pretty topical. A lot of folks on this list are playing with
> Linux or thinking of playing with Linux.

That's a pretty slippery slope...just because folks on the list are
playing with Linux doesn't mean we all need to read about it...don't help
me with my K2 rig.

Kinda like the the HTML thread, or the ear wax thread.

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>
<http://www.tlchost.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring and DrakeList
Web Hosting as low as \$3.49/month

Date: Sun, 10 Nov 2002 17:09:12 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: "Karl F. Larsen" <k5di@zianet.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139783] Re: OT Linux Sendmail
Message-ID: <20021110170834.U31437-1000000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 10 Nov 2002, Karl F. Larsen wrote:

>
> So I then used sendmail -bp to send all the qued mail, and it
> did! Now sendmail is working again. The message is: nothing is perfect.

But none of us need to know that you've diagnosed your sendmail.

Thom

baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and DrakeList
http://www.tlchost.net	Web Hosting as low as \$3.49/month

Date: Sun, 10 Nov 2002 15:25:05 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: <kelman@sofnet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139784] Re: Ladder line question.
Message-ID: <004401c28908\$052bdea0\$0a0110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kelly,

I do believe it would increase the loss of the transmission line, but likely wouldn't affect the antenna performance itself. It is recognized that moisture, and placing a line in close proximity to the earth (or other lossy mat), both lead to increased losses in open-wire transmission lines. My friend, Wes (N7WS}, wrote the now classic paper, "Balanced Transmission Lines in Current Amateur Practice," which compares the performance and characteristics of dry and wet open-wire lines. The loss increases significantly when an open-wire line became moist; on the 5 to 6dB per 100ft, at 50MHz, for the lines he tested. See the article in the ARRL Antenna Compendium, Vol. 6 for the complete details.

I expect that a line lying on shingles would exhibit much different electrical characteristics than one suspended in air. The shingle material would act as another dielectric in close proximity to the conductors producing changed line impedance, velocity and phase factors, and loss. Non-fiberglass shingles are often composed of asphalt, a hydrocarbon based compound, which I suspect is lossy at radio frequencies. This, coupled with moisture on the shingles, will almost certainly be a lossier condition than a dry, suspended in air installation.

Regards, Thomas - AC7A (Tucson)

----- Original Message -----

From: "Kelly Ellison" <kelman@sofnet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, November 10, 2002 2:06 PM

Subject: Ladder line question.

> Just built a Bi-square antenna for 20 meters and feeding it with ladder
> line.
> Anyone think it will degrade the performance of the antenna if the ladder
> line is lying on the roof of the house?
>
> This is a regular shingled type roof, and allowing the ladder line to lay
on
> the roof would be easier and
> not such an eye sore. The ladder line is the 450 windowed variety. I
will
> run qrp and QRO levels.
>
> Thank you,
>
>
> Kelly Ellison - WB0WQS - QRP-L #702

Date: Sun, 10 Nov 2002 15:15:42 -0700

From: "James R. Duffey" <jamesd1@flash.net>

To: <k7qo@earthlink.net>

Cc: <qrp-l@lehigh.edu>

Subject: [139785] Re: Argonaut V message from TenTec

Message-ID: <B9F4289E.20166%jamesd1@flash.net>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Chuck - Can you and Ten-Tec support this assertion in the message you forwarded to QRP-L from Ten-Tec?

"...the top two responses from QRPers were a) ... b) I never run my QRP gear from battery power, so supply voltage and current drain are not important. A whopping 80% of the responses we got from QRP-L indicated some version of "b". "

I find this difficult to believe since the numbers from the recent exchange on the Argonaut V seems to indicate just the opposite.

Here is an excerpt of a note I sent to Ten- Tec on July 4, 2001 on what I would like to see in the new 516.

"10. Have a low battery consumption mode available. Field work from batteries is a popular QRP pastime. Rigs that draw more than 200 mA on receive tend to consume batteries too fast. I think that your 400 mA projected power consumption on receive is too much for prolonged operation from a battery. Suggestions to reduce power include shutting off display lighting, perhaps turning off the display and use an audio frequency annunciator instead, getting rid of any LEDs that may be on, using low power components (look at CMOS op-amps), reducing processor speed and functions that the processor performs while in the low power mode, finding a way to put some or all of the modes in sleep mode, and perhaps lowering the power of the audio output stage and providing headphone output only. Provide a button to temporarily remove the rig from the low power mode for say 10 seconds if some one needed a function that was disabled during the low power mode. Lots of radios have failed to succeed in the QRP world due to high power consumption. The 526 appears to have lots of room inside. Perhaps an internal battery could be fitted?

This clearly indicates that I would favor low power consumption. I got several replies supporting my views. I know that Ten-Tec did receive feedback from me that low battery consumption is important. I suspect that they received it from more than me as well.

Did anyone else indicate to Ten-Tec that low power consumption was important? Did you Chuck?

And why is the Ten-Tec sales department unable or reluctant to post here? Everybody with rational input pertinent to QRP is welcomed. I think that the note W4PA forwarded to you to post would fit into that category. Clearly it is no more problem for him to post it directly than to have you post it for him.

I am upset that I provided well thought out input to Ten-Tec and it was largely ignored. I find it difficult to believe that 80 percent of QRP-L responses to their request for input resulted in a consensus that low power consumption is not important. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 10 Nov 2002 17:25:57 -0500
From: Jerry Lofstead <w3cde@bellsouth.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139786] Re: FT-817 Bug
Message-ID: <3DCEDCF5.4010CD08@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alas Karl,

Read the MANUAL! Not a bug, OPERATOR PROBLEM!!! RTFM...

Jerry
W3CDE

"Karl F. Larsen" wrote:

>
> As all of those who own this radio know, There is a button
> called "lock". On HF this means turning the big frequency knob doesn't
> change the frequency. But ALAS, the "Selector" knob which is smaller
> still works and it changes the frequency in big jumps even with "lock"
> turned on.
>
> Yesterday I was working the Baylor Pass Run. It's 10 Km over the
> Organ Mountains and 180 people tried to run the whole way on a dirt path
> and many did so. It was very up and down running. I walked with my dog
> Bucket and in my Daypack I had a Radio Shack 4.5 Amphour battery and my
> 817 tuned to 146.550 MHz. Everyone heard me fine until late while we
> were hiking back to the car. Net control said I was off frequency. When
> I got down I noticed the 817 was on 146.540 MHz and something must have
> hit the "Selector" knob and knocked me off frequency.
>
> So Yaseu has some things to fix when they put out the FT-818

> radio. By the way, the Yaseu Ft-817 that runs 100 watts is TWICE as big
> as my Kenwood TS-50!
>
> --
>
> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sun, 10 Nov 2002 17:36:16 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139787] Re: Argonaut V message from TenTec
Message-ID: <3DCE9910.32539.A59A052@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 10 Nov 2002 at 15:15, James R. Duffey wrote:

>
> I am upset that I provided well thought out input to Ten-Tec and it was
> largely ignored. I find it difficult to believe that 80 percent of QRP-
L
> responses to their request for input resulted in a consensus that low
power
> consumption is not important. - Dr. Megacycle KK6MC/5
> --
> James R. Duffey KK6MC/5
> Cedar Crest, NM DM65
>
>

I, too, said that low current consumption was a priority.

Must have been the same folks that took the ARRL poll on CW some time
ago.

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+---+---+---+---+ Ex-K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Sun, 10 Nov 2002 17:39:39 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [139788] Re: FT-817 Bug
Message-ID: <3DCE99DB.29090.A5CB9CC@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 10 Nov 2002 at 17:25, Jerry Lofstead wrote:

>
> Alas Karl,
>
> Read the MANUAL! Not a bug, OPERATOR PROBLEM!!! RTFM...
>
> Jerry
> W3CDE
>

I never cease to be amazed, that someone who proclaims his knowledge and brags of his many degrees and Electrical Engineering backround can REPEATEDLY say such ridiculous things. "I have big fingers, so the FT-817 has a bug." Right after posting that his big fingers weren't a problem. I guess the rule is, if your fingers are too big to pick the wax out of your ears, don't get an FT-817!

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sun, 10 Nov 2002 14:56:09 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: jamesd1@flash.net,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [139789] Re: Argonaut V message from TenTec
Message-ID: <20021110225609.62398.qmail@web14204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

To those who feal they were not heard,

I for one did not feal that low battery power was a concern as the rig is being used at home and I

responded as such. I also responded that it would not be used portable. Just because you feel otherwise is no excuse to bad mouth Ten-Tec.

My chief concern was getting a good receiver which we have. If you need a radio to run on 9v, use your K-1, its a better size for portable too.

Some of us feel different than you and its clear that we responded to Ten-Tec. Just because it wasn't made just has you wanted is no excuse for giving Ten-Tec grief. Your side lost.

Bill kc4atu

Do you Yahoo!?
U2 on LAUNCH - Exclusive greatest hits videos
<http://launch.yahoo.com/u2>

Date: Sun, 10 Nov 2002 18:01:47 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: W2AGN <w2agn@w2agn.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [139790] Re: Argonaut V message from TenTec
Message-ID: <20021110175850.F33820-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 10 Nov 2002, W2AGN wrote:

>
> I, too, said that low current consumption was a priority.
>
> Must have been the same folks that took the ARRL poll on CW some time
> ago.

user/member/customer survey's are very dangerous...they don't always mirror the thoughts of the user/member/customer, but sure gives someone the opportunity to say "But, the(user/member/customer) said that(what we left out/couldn't do/didn't want to do) wasn't(important/required/requested)."

Thom

baltimoremd@baltimoremd.com
http://www.baltimoremd.com/
http://www.baltimorehon.com/
http://www.zerobeat.net
http://www.tlchost.net

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
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Date: Sun, 10 Nov 2002 14:51:50 -0800
From: Dan Presley <talljazz@teleport.com>
To: qrp-l@lehigh.edu
Subject: [139791] Fox: N7CQR log 11/8/02 (UTC)
Message-ID: <p05010421b9f3ae2e2e55@[216.26.4.216]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Here 'tis; fire away if I messed up. As always, it's a fascinating study in propagation. You can clearly see when the skip moves across the country-3 in a row in GA, or WI, for instance. A few comments on operating- I tried like heck to spread folks out, but it's tough when conditions are so bad. You still stand a better chance if you move around a bit when calling the fox. I picked up a bunch of guys calling below my freq, which is a nice old trick when things are tricky. I want to apologize for the seemingly erratic fist from time to time- I am now shopping for some better paddles as mine hung up a bunch. On the receiving end, I always noticed that good spacing and timing your calls made a big difference on who I could pick out-waiting that small bit until the 'roar' dies out is very effective. It was easier to pick out the guys who sent at a fairly high speed but put just a bit of extra space between each character-seemed to stand out from the crowd. Thanks to all who tried-see you next time.

UTC	Call	Rst	SPC	Name	Pwr
0200	KB7WW	599	OR	Art	5W
0202	VE6EX	559	AB	Dan	5W
0202	AA7Y	599	UT	Steve	5W
0203	WB7AEI	599	WA	Phil	5W
0204	N1FN	559	CO	ET	5W
0205	VA6RE	599	AB	Earl	5W
0206	K0FRR	579	CO	Al	5W
0207	N0UR	599	MI	Jim	5W
0208	W9VQB/7	559	AZ	Mike	5W
0208	KG6CYN	559	CA	Trev	2W
0210	K6MMC	559	CA	Mike	5W

0213	WA7TQK	559	ID	Bill	5W
0213	W5YR	559	TX	George	5W
0214	NQ7X	559	AZ	Floyd	5W
0215	N0DSP	559	CO	Tom	5W
0215	K8HJ	559	MI	John	5W
0222	K5SR	559	TX	Dale	5W
0223	K5DW	559	TX	D0c	5W
0225	N4ROA	559	VA	Dan	5W
0225	W0CH	559	MO	Dave	5W
0227	N2WW	559	CO	Larry	5W
0228	W9XR	559	WI		5W
0230	KI0II	559	Co	Ron	1W
0231	AC5JH	559	OK	TOM	5W
0231	AK7Y	559	AZ	Greg	5W
0232	NK6A	599	CA	Doug	5W
0233	K3IU	559	RI	KEN	5W
0233	W5USJ	559	TX	Chuck	5W
0234	KC1FB	559	CT	JIM	5W
0234	W0RSP	569	SD	Ade	4W
0236	VE6JAZ	559	AB	Rob	5W
0237	W6AZ	559	CA	Ron	5W
0239	AC7A	559	AZ	Tom	5W
0240	KK5LD	559	TX	Dan	5W
0241	N9NE	559	WI	Todd	5W
0246	K5DI	559	NM	Karl	5W
0250	N0TU	559	CO	Ron	5W
0251	K5EAD	559	LA	Wayne	5W
0251	K5JHP	559	TX	BILL	5W
0254	AJ4AY	559	AL	Jay	5W
0258	N0WK	539	MN	Mike	5W
0303	AB5XQ	559	AR	Bill	5W
0304	K4GT	559	GA	Jim	5W
0305	AK7D	559	OR	Fred	500 mW
0310	KQ5U	559	TX	TERRY	5W
0311	KR0U	559	CO	Tim	5W
0312	AA7CQ	559	AZ	Bob	5W
0318	K5TR	559	TX	George	5W
0319	N0SG	559	CO	Jason	5W
0320	K9DC	559	IN	Dave	5W
0323	K6IFF	579	CA	Bill	10W
0324	K0PC	599	MN	Pat	5W
0325	NM5M	559	TX	Eric	5W
0326	VE5DC	559	SK	JERRY	1W
0327	AD6AY	559	CA	DAN	5W
0328	WA9TZE	559	WI	Jim	5W
0330	W9XU	559	WI	Lon	5W
0333	N5WL	559	OK	Katy(?)	5W
0335	AF4LQ	559	KY	Mike	5W

0336	W0PWE	559	IA	Jerry	5W
0337	N9AW	559	WI	Jerry	5W
0338	AE9K	559	WI	Glenn	5W
0339	K40AS	559	GA	Gary	5W
0340	K5FSE	599	GA	Jack	5W
0341	NK8G	559	WI	Rick	5W
0342	KJ0C	549	MO	Jim	5W
0344	K4TJD	559	GA	Tom	5W
0346	AB9CA	559	AL	Dave	5W
0349	N1TP	339	FL	Tom	5W
0352	N5ZE	559	TX	Lew	5W
0353	K4AGI	339	SC	Frank	5W
0355	W9YMO	559	OH	Harry	5W
0358	WA9BXN	599	OH	Tim	5W
0359	K4FB	449	AL	Paul	5W
0400	N7CQR	559	OR	FOX	5W

--

Dan Presley
talljazz@teleport.com
(503) 232-8244
pager (503) 229-8682

Date: Sun, 10 Nov 2002 18:02:58 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [139792] F.S. MFJ 6 meter SSB transceiver
Message-ID: <000501c2890d\$5006d380\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

I just picked up a Yaesu FT-690 for six meters so my MFJ-9406 is now excess to my needs.

The MFJ is in excellent condition and comes with the mike and manual. Will ship for \$165.

73, Joe W2KJ
North Carolina)

Date: Sun, 10 Nov 2002 17:19:54 -0600
From: "George, W5YR" <w5yr@att.net>
To: baltimoremd@baltimoremd.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [139793] Re: Argonaut V message from TenTec
Message-ID: <3DCEE99A.1C90B671@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thom is right on the mark.

This is a very old marketing ploy which has been widely used by companies that attempt to project the image of being customer-driven.

Truth be told, TT like all other such companies designs and produces the combination of features which they figure will sell and will produce a required profit. Both outcomes are of equal importance. A sufficiently loyal customer base will generally accept almost anything "new" that is halfway presentable.

Companies may trade upon their reputation for being "good guys" to justify whatever features or lack thereof they decide to include in a product for whatever internal reasons. The only final arbiter is "can we peddle this <whatever>?" Being able to claim that a "majority" of the customer base "wants" <whatever> makes the case, at least publically.

End of pulpit-thumping from a former marketing manager, amongst his other sins in the real world of engineering . . .

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
In the 57th year and it just keeps getting better!
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

Thom LaCosta wrote:

>
> On Sun, 10 Nov 2002, W2AGN wrote:
>
> >
> > I, too, said that low current consumption was a priority.
> >
> > Must have been the same folks that took the ARRL poll on CW some time
> > ago.

>
> user/member/customer survey's are very dangerous...they don't always
> mirror the thoughts of the user/member/customer, but sure gives someone
> the opportunity to say "But, the(user/member/customer) said that(what we
> left out/couldn't do/didn't want to do)
> wasn't(important/required/requested)."
>

Date: Sun, 10 Nov 2002 18:44:48 -0500
From: "Harold Smith" <harold.smith1@worldnet.att.net>
To: <jamesd1@flash.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139794] Re: Limiting IF Amplifier's and CW
Message-ID: <00a201c28913\$28e0cbc0\$9d09550c@tinker>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The NE 605 is the combination of NE602 and NE604. The NE 615 is the same IC but with a faster RSSI. It is possible to build a receiver with one of these ICs. Layout is a problem, though. A crystal filter for CW is always physically much larger than the ceramic FM filter the IC expects. The output of the mixer and the input to the IF amp are (IIRC) only 2 pins apart. Thus layout is usually easier with a separate mixer.

As with any high gain amp, you'll want to be careful of layout. Most of the FM ICs are stable if used carefully. One way many of them get their stability, though, is by limiting their frequency response. A number of FM ICs have IF amps that roll off not much above 455 kHz. The 604/605/615 has a several-MHz-wide IF, as does the MC1357 I mentioned earlier.

I don't think I'd recommend trying to design a production CW radio with an FM chip in the IF, but if you've already got the IC, it's worth playing with. They do work.

de KE6TI, Harold

End of QRP-L Digest 2736

